

This series of chambers are designed for integration with Universal Testing Machines for static and fatigue testing of materials under controlled temperature and humidity.



Standard features

- Refrigerant based cooling up to -70°C
- Liquid nitrogen based cooling up to -190°C
- Air heater based heating up to $+350^{\circ}\text{C}$
- Monoblock construction
- Internal surface pre-polished stainless steel with high gloss brush finish
- PUF insulation with low conductivity
- Standard dimensions of: 350 (W) x 400 (D) x 550 (H) mm
- Roller carriage brackets to roll back chamber when not required
- Temperature stability: $\pm 2^{\circ}\text{C}$
- Maximum temperature overshoot: 2°C
- Measurement accuracy: $\pm 2^{\circ}\text{C}$
- System accuracy: $\pm 5^{\circ}\text{C}$
- Power requirement: 220 V, 50 Hz, Single Phase